

Product Datasheet

GAP-43 Antibody (3H14) - BSA Free **NBP3-05535-100ul**

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-05535-100ul

GAP-43 Antibody (3H14) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H14
Preservative	5mM Sodium Azide
Isotype	IgM
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	43 kDa

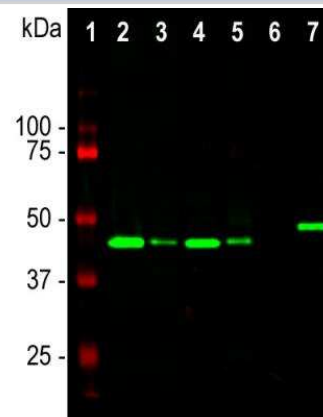
Product Description	
Host	Mouse
Gene ID	2596
Gene Symbol	GAP43
Species	Human, Mouse, Rat
Immunogen	Recombinant full-length Human GAP-43

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry 1:1000-5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

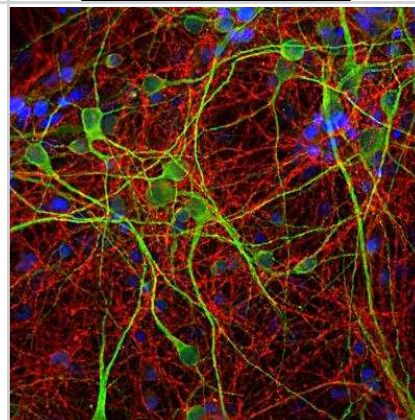


Images

Western Blot: GAP-43 Antibody [NBP3-05535] - Western blot analysis of different tissue and cell lysates using GAP-43 Antibody at a dilution of 1:5,000, in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] C6 cells, [7] SH-SY5Y cells. The single band at the 43kDa mark corresponds to the GAP-43 protein. The protein is expressed in rodent and human neurons and neuronal derived cells but not in C6 cells which are of glial origin.



Immunocytochemistry/Immunofluorescence: GAP-43 Antibody [NBP3-05535] - Immunofluorescent analysis of cortical neuron-glia cell culture from E20 rat stained with GAP-43 Antibody at a dilution of 1:1,000, in red, and costained with chicken pAb to MAP2 at a dilution of 1:10,000, in green. The blue is DAPI staining of nuclear DNA. GAP-43 antibody labels protein expressed in the axonal membrane of the neuronal cells, while the MAP2 antibody stains dendrites and perikarya of neurons.





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Products Related to NBP3-05535-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97007	Mouse IgM Isotype Control
NBP2-53033-20ug	Recombinant Human GAP-43 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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